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NEWS 8 MAY 30 The F-Term thesaurus is now available in CA/CAplus
NEWS 9 JUN 02 The first reclassification of IPC codes now complete in INPADOC
NEWS 10 JUN 26 TULSA/TULSA2 reloaded and enhanced with new search and display fields
NEWS 11 JUN 28 Price changes in full-text patent databases EPFULL and PCTFULL
NEWS 12 JUL 11 CHEMSAFE reloaded and enhanced
NEWS 13 JUL 14 FSTA enhanced with Japanese patents
NEWS 14 JUL 19 Coverage of Research Disclosure reinstated in DWPI
NEWS 15 AUG 09 INSPEC enhanced with 1898-1968 archive
NEWS 16 AUG 28 ADISCTI Reloaded and Enhanced
NEWS 17 AUG 30 CA(SM)/CAplus(SM) Austrian patent law changes
NEWS 18 SEP 11 CA/CAplus enhanced with more pre-1907 records
NEWS 19 SEP 21 CA/CAplus fields enhanced with simultaneous left and right truncation

NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

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SINCE FILE ENTRY	TOTAL SESSION
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DICTIONARY FILE UPDATES: 24 SEP 2006 HIGHEST RN 908332-13-8

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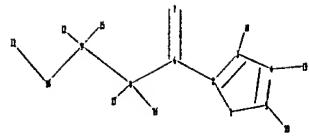
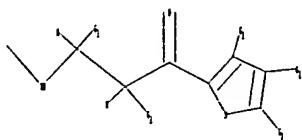
TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

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<http://www.cas.org/ONLINE/UG/regprops.html>

=>
Uploading C:\Program Files\Stnexp\Queries\Karen.str



chain nodes :
6 7 8 9 10 11 12 13 15 16 18 19 20
ring nodes :
1 2 3 4 5
chain bonds :
2-6 3-18 4-19 5-20 6-7 6-8 8-9 8-13 8-16 9-10 9-12 9-15 10-11
ring bonds :
1-2 1-5 2-3 3-4 4-5
exact/norm bonds :
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exact bonds :

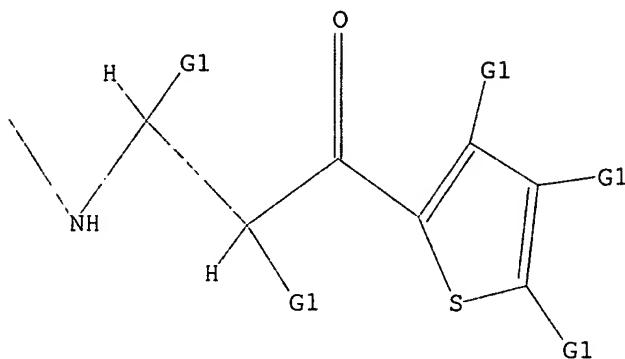
2-6 6-8 8-9 8-13 9-12

G1:H,CH3

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:CLASS 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 15:CLASS 16:CLASS 18:CLASS 19:CLASS 20:CLASS

L1 STRUCTURE UPLOADED

=> d
L1 HAS NO ANSWERS
L1 STR



G1 H,Me

Structure attributes must be viewed using STN Express query preparation.

=> s 11 ful
FULL SEARCH INITIATED 14:11:36 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 4557 TO ITERATE
100.0% PROCESSED 4557 ITERATIONS 56 ANSWERS
SEARCH TIME: 00.00.01

L2 56 SEA SSS FUL L1

=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL
FULL ESTIMATED COST ENTRY SESSION
166.94 167.15

FILE 'CAPLUS' ENTERED AT 14:11:43 ON 25 SEP 2006
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FILE LAST UPDATED: 24 Sep 2006 (20060924/ED)

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=> s 12
L3 36 L2

=> d ibib hitstr 1-36

ACCESSION NUMBER: 2006:866581 CAPLUS

DOCUMENT NUMBER: 145:271387

TITLE: Process for the preparation of enantiomerically pure 1-substituted-3-amino alcohols using methyl ketones, primary amines, formaldehydes and sulfonic acids

INVENTOR(S): Brieden, Walter; Clausen, Martin; McGarrity, John;

Mettler, Hanspeter; Michel, Dominique

PATENT ASSIGNEE(S): Lonza A.-G., Switz.

SOURCE: PCT Int. Appl., 38pp.

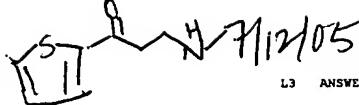
CODEN: PIIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

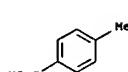
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:



beat

1/15/04



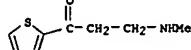
RN 906812-48-4 CAPLUS

CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, methanesulfonate (9CI) (CA INDEX NAME)

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CMF C8 H11 N O S



CM 2

CRN 75-75-2

CMF C4 H4 O3 S



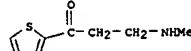
RN 906812-50-8 CAPLUS

CN Bicycle(2.2.1)heptane-1-methanesulfonic acid, 7,7-dimethyl-2-oxo-, (1S,4R)-, compd. with 3-(methylamino)-1-(2-thienyl)-1-propanone (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 667465-15-8

CMF C8 H11 N O S



CM 2

CRN 3144-16-9

CMF C10 H16 O4 S

ACCESSION NUMBER: 2006:866581 CAPLUS

DOCUMENT NUMBER: 145:271387

TITLE: Process for the preparation of enantiomerically pure 1-substituted-3-amino alcohols using methyl ketones, primary amines, formaldehydes and sulfonic acids

INVENTOR(S): Brieden, Walter; Clausen, Martin; McGarrity, John;

Mettler, Hanspeter; Michel, Dominique

PATENT ASSIGNEE(S): Lonza A.-G., Switz.

SOURCE: PCT Int. Appl., 38pp.

CODEN: PIIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

WO 2006087166 AI 20060824 WO 2006-EP1334 20060214

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, ON, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

EP 1693371 AI 20060823 EP 2005-3657 20050221

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, BA, HR, IS, YU

PRIORITY APPLN. INFO.: EP 2005-3657 A 20050221

IT 863094-23-9P 906812-48-4P 906812-50-8P

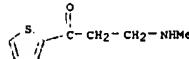
906812-51-9P 906812-52-0P

RL: SPN (Synthetic preparation); PREP (Preparation)
(product; preparation of enantiomerically pure sulfonate salts of substituted amino alcs. and amino ketones by reacting Me ketones, primary amine, formaldehyde and sulfonic acids)

RN 863094-23-9 CAPLUS

CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, 4-methylbenzenesulfonate (9CI) (CA INDEX NAME)

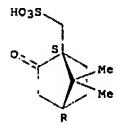
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CRN 667465-15-8
CMF C8 H11 N O S

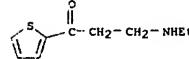
CM 2

CRN 104-15-4
CMF C7 H8 O3 S

Absolute stereochemistry. Rotation (+).

RN 906812-51-9 CAPLUS
CN 1-Propanone, 3-(ethylamino)-1-(2-thienyl)-, methanesulfonate (9CI) (CA INDEX NAME)

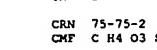
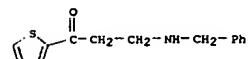
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CRN 691848-06-3
CMF C9 H13 N O S

CM 2

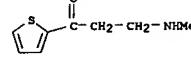
CRN 75-75-2
CMF C4 H4 O3 SRN 906812-52-0 CAPLUS
CN 1-Propanone, 3-((phenylmethyl)amino)-1-(2-thienyl)-, methanesulfonate (9CI) (CA INDEX NAME)

CM 1

CRN 807266-69-9
CMF C14 H15 N O S

RN 906812-50-8 CAPLUS

CN 1-(2-thienyl)-3-(methylamino)propan-1-one, 4-methyl-

RL: RCT (Reactant); RACT (Reactant or reagent)
(starting material; preparation of enantiomerically pure sulfonate salts of substituted amino alcs. and amino ketones by reacting Me ketones, primary amine, formaldehyde and sulfonic acids)
RN 645411-16-1 CAPLUS
CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)

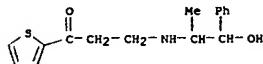
● HCl

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2006:100738 CAPLUS
 DOCUMENT NUMBER: 144:198849
 TITLE: Novel dosage form comprising modified-release and immediate-release active ingredients
 INVENTOR(S): Vaya, Navin; Karan, Rajesh Singh; Sadanand, Sunil; Gupta, Vinod Kumar
 PATENT ASSIGNEE(S): India
 SOURCE: U.S. Pat. Appl. Publ., 49 pp., Cont.-in-part of U.S. Ser. No. 630,446.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2006024365	A1	20060202	US 2005-134633	20050519
IN 193042	A	20040626	IN 2002-MU697	20020805
US 2004096499	A1	20040520	US 2003-630446	20030729
PRIORITY APPLN. INFO.:			IN 2002-MU697	A 20020805
			IN 2002-MU699	A 20020805
			IN 2003-MU80	A 20030122
			IN 2003-MU82	A 20030122
			US 2003-630446	A2 20030729

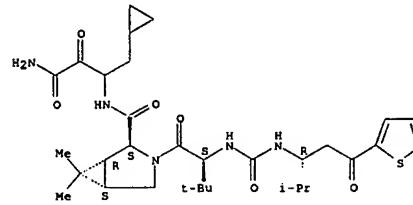
IT 28745-68-8, Thiofedrine
 RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (novel dosage form comprising modified-release and immediate-release active ingredients)
 RN 28745-68-8 CAPLUS
 CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)- (SCII) (CA INDEX NAME)



L3 ANSWER 3 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:1004768 CAPLUS
 DOCUMENT NUMBER: 143:306546
 TITLE: Preparation of peptides as inhibitors of hepatitis C virus NS3 protease
 INVENTOR(S): Bogen, Stephane L.; Pan, Weidong; Ruan, Sumei; Chen, Kevin X.; Arasappan, Ashok; Venkatraman, Strikanth; Nair, Letha G.; Sannigrahi, Mousumi; Bennett, Frank; Sakseena, Anil K.; Njoroge, F. George; Girijavallabhan, Viyyoor M.
 PATENT ASSIGNEE(S): Schering Corporation, USA
 SOURCE: PCT Int. Appl., 570 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005085275	A1	20050915	WO 2005-US6502	20050224
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MM, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG				
US 2005267043	A1	20051201	US 2005-65572	20050224
PRIORITY APPLN. INFO.:			US 2004-548251P	P 20040227
OTHER SOURCE(S): MARPAT 143:306546				
IT 864802-67-5P				
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of peptides as inhibitors of hepatitis C virus NS3 protease)				
RN 864802-67-5 CAPLUS				
CN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, N-[3-amino-1-(cyclopropylmethyl)-2-(3-dioxopropyl)-3-[(2S)-3-dimethyl-2-(([(1R)-1-(1-methylethyl)-3-oxo-3-(2-thienyl)propyl]amino)carbonyl]amino]-1-oxobutyl]-6,6-dimethyl-, (1R,2S,5S)- (SCII) (CA INDEX NAME)				

Absolute stereochemistry.



L3 ANSWER 3 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 4 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2005:962239 CAPLUS
 DOCUMENT NUMBER: 143:266590
 TITLE: Process for the preparation of enantiomerically pure 1-substituted-3-aminohalcohols
 INVENTOR(S): Michel, Dominique; Mettler, Hanspeter; McGarity, John
 PATENT ASSIGNEE(S): Lonza A.-G., Switz.
 SOURCE: PCT Int. Appl., 20 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

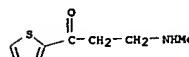
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005080370	A1	20050901	WO 2005-EP1781	20050221
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EP 1566383	A1	20050824	EP 2004-3809	20040219
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRIORITY APPLN. INFO.:			EP 2004-3809	A 20040219
OTHER SOURCE(S): MARPAT 143:266590			EP 2004-10043	A 20040428
IT 863094-06-8P 863094-15-9P 863094-23-9P				

RL: IMF (Industrial manufacture); PUR (Purification or recovery); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (process for the preparation of enantiomerically pure 1-substituted-3-aminohalcohols.)

RN 863094-06-8 CAPLUS
 CN α -L-Keto-2-Meulofuranosonic acid, 2,3:4,6-bis-O-(1-methylethylidene)-, compd. with 3-(methylamino)-1-(2-thienyl)-1-propanone (1:1) (SCII) (CA INDEX NAME)

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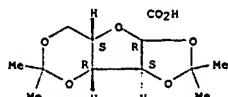
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 CMF C8 H11 N O S



CM 2

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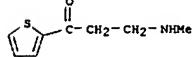
Absolute stereochemistry. Rotation (-).



RN 863094-15-9 CAPLUS
CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, benzoate (9CI) (CA INDEX NAME)

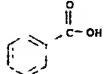
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CMF C8 H11 N O S



CM 2

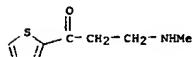
CRN 65-85-0
CMF C7 H6 O2



RN 863094-23-9 CAPLUS
CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, 4-methylbenzenesulfonate (9CI) (CA INDEX NAME)

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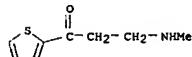
CRN 667465-15-8
CMF C8 H11 N O S



CM 2

CM 1

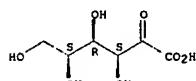
CRN 667465-15-8
CMF C8 H11 N O S



CM 2

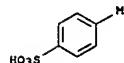
CRN 526-98-7
CMF C6 H10 O7

Absolute stereochemistry.



REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

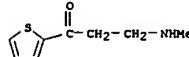
CRN 104-15-4
CMF C7 H8 O3 S



RN 863094-31-9 CAPLUS
CN Dodecanoic acid, compd. with 3-(methylamino)-1-(2-thienyl)-1-propanone (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 667465-15-8
CMF C8 H11 N O S



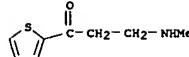
CM 2

CRN 143-07-7
CMF C12 H24 O2

HO2C-(CH2)10-Me

IT 645411-16-1P 863094-12-6P
RL: IMF (Industrial manufacturer); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(process for the preparation of enantiomerically pure 1-substituted-3-aminoalcs.)

RN 645411-16-1 CAPLUS
CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 863094-12-6 CAPLUS
CN L-xylo-2-Hexulosonic acid, compd. with 3-(methylamino)-1-(2-thienyl)-1-propanone (1:1) (9CI) (CA INDEX NAME)

ACCESSION NUMBER: 2005-901934 CAPLUS

DOCUMENT NUMBER: 143:248273

TITLE: Preparation of enantiomerically pure 1-substituted-3-amino alcohols

INVENTOR(S): Michel, Dominique

PATENT ASSIGNEE(S): Lonza A.-G., Switz.

SOURCE: Eur. Pat. Appl., 14 pp.

CODEN: EPXXDM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1566383	A1	20050824	EP 2004-3809	20040219

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MG, PT, IE, SI, LT, LV, FI, RU, MK, CH, AL, TR, BG, CZ, EE, HU, SK

WO 2005080370 A1 20050901 WO 2005-EP-784300 20050221

W: AZ, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CR, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KR, KG, KB, KO, LC, LR, LS, LT, LU, LV, MA, MD, MU, MW, MV, MX, NZ, NA, NI, NO, NZ, OM, PG, PH, PL, PR, RO, RU, SC, SD, SE, SG, SK, SI, SY, TJ, TM, TN, TR, TZ, UR, US, UZ, VC, VN, YU, ZA, ZM, ZW

RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,

AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,

EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,

RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,

MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: EP 2004-3809 A 20040219
EP 2004-10043 A 20040428

OTHER SOURCE(S): CASREACT 143:248273; MARPAT 143:248273

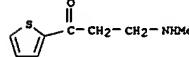
IT 645411-16-1P, 3-(N-Methylamino)-1-(2-thienyl)-1-propanone

hydrochloride 863094-06-8P 863094-15-9P

863094-23-9P 863094-31-9P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

asym. synthesis of 1-substituted -3-amino alcs. via hydrogenation of amino ketones

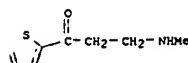
RN 645411-16-1 CAPLUS
CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 863094-06-8 CAPLUS
CN α-L-xylo-2-Hexulosonic acid, 2,3:4,6-bis-O-(1-methylethylidene)-, compd. with 3-(methylamino)-1-(2-thienyl)-1-propanone (1:1) (9CI) (CA INDEX NAME)

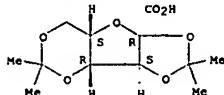
CM 1



CM 2

CRN 18467-77-1
 CMF C12 H18 O7

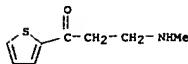
Absolute stereochemistry. Rotation (-).



RN 863094-15-9 CAPLUS
 CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, benzoate (9CI) (CA INDEX NAME)

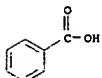
CM 1

CRN 667465-15-8
 CMF C8 H11 N O S



CM 2

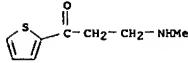
CRN 65-85-0
 CMF C7 H6 O2



RN 863094-23-9 CAPLUS
 CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, 4-methylbenzenesulfonate (9CI) (CA INDEX NAME)

CM 1

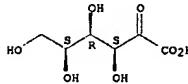
CRN 667465-15-8
 CMF C8 H11 N O S



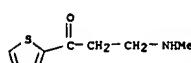
CM 2

CRN 526-98-7
 CMF C6 H10 O7

Absolute stereochemistry.

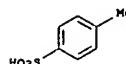


REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT



CM 2

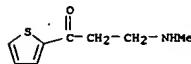
CRN 104-15-4
 CMF C7 H8 O3 S



RN 863094-31-9 CAPLUS
 CN Dodecanoic acid, compd. with 3-(methylamino)-1-(2-thienyl)-1-propanone (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 667465-15-8
 CMF C8 H11 N O S



CM 2

CRN 143-07-7
 CMF C12 H24 O2

HO₂C-(CH₂)₁₀-Me

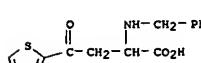
IT 863094-12-6P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (asym. synthesis of 1-substituted -3-amino alcs. via hydrogenation of amino ketones)
 RN 863094-12-6 CAPLUS
 CN L-xylo-2-Hexulosonic acid, compd. with 3-(methylamino)-1-(2-thienyl)-1-propanone (1:1) (9CI) (CA INDEX NAME)

ACCESSION NUMBER: 2005-618404 CAPLUS
 DOCUMENT NUMBER: 144:253785

TITLE: Thiénylsubstituted derivatives of α -aminobutanonic acid. Practical approach to enantiomerically pure γ -hydroxy- α -aminoctanoic and γ -hydroxy- α -aminononanoic acids

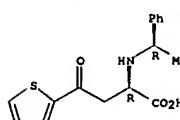
AUTHOR(S): Berkes, Dusan; Gubala, Vladimir; Povazanec, Frantisek
 CORPORATE SOURCE: Department of Organic Chemistry, Slovak Technical University, Bratislava, SK-812 37, Slovakia
 SOURCE: International Electronic Conferences on Synthetic Organic Chemistry, 5th, 6th, Sept. 1-30, 2001 and 2002 [and] 7th, 8th, Nov. 1-30, 2003 and 2004 (2004), 1393-1404. Editor(s): Seijas, Julio A. Molecular Diversity Preservation International: Basel, Switz.

DOCUMENT TYPE: Conference (computer optical disk)
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 144:253785
 IT 204910-46-3P 877475-58-6P 877475-59-7P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (stereoselective preparation of amino(thienyl)tetrahydrofuranones via Friedel-Crafts acylation of thiophenes with maleic anhydride followed by conjugate addition of amines, asym. reduction, and cyclization in the preparation of amino(hydroxy) acids)
 RN 204910-46-3 CAPLUS
 CN 2-Thiophenebutanoic acid, γ -oxo- α -[(phenylmethyl)amino]- (9CI) (CA INDEX NAME)



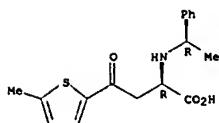
RN 877475-58-6 CAPLUS
 CN 2-Thiophenebutanoic acid, γ -oxo- α -[(1R)-1-phenylethyl]amino]-, (aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



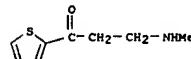
RN 877475-59-7 CAPLUS
 CN 2-Thiophenebutanoic acid, 5-methyl- γ -oxo- α -[(1R)-1-phenylethyl]amino]-, (aR)- (9CI) (CA INDEX NAME)

Absolute stereochemistry. Rotation (+).



REFERENCE COUNT: 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 7 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2005:251916 CAPLUS
DOCUMENT NUMBER: 142:481782
TITLE: Practical synthesis of enantiopure γ -amino alcohols by rhodium-catalyzed asymmetric hydrogenation of β -secondary-amino ketones
AUTHOR(S): Liu, Duan; Gao, Wenzhong; Wang, Chunjiang; Zhang, Xumu
CORPORATE SOURCE: Department of Chemistry, The Pennsylvania State University, University Park, PA, 16802, USA
SOURCE: Angewandte Chemie, International Edition (2005), 44(11), 1687-1689
PUBLISHER: Wiley-VCH Verlag GmbH & Co. KGaA
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 142:481782
IT 645411-16-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(preparation of chiral [(methyl)amino]ethyl)arenemethanol by bis[di(methyl)ethyl]tetra(hydro)-1,1'-bi-1H-isophosphoridine-rhodium-catalyzed stereoselective hydrogenation using (aryl)(methyl)amino)propanone hydrochloride as synthetic intermediate)
RN 645411-16-1 CAPLUS
CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

ACCESSION NUMBER: 2005:181066 CAPLUS
DOCUMENT NUMBER: 142:280046
TITLE: Process for the asymmetric hydrogenation of β -amino ketones using transition metal complexes of chiral bidentate phosphines as catalysts.

PATENT ASSIGNEE(S): Lonza AG, Switz.
SOURCE: Eur. Pat. Appl., 15 pp.

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1

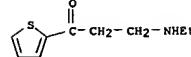
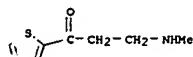
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1510517	A1	20050302	EP 2003-77734	20030901
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, CY, AL, TK, BG, CZ, EE, HU, SK				
AU 2004268057	A1	20050310	AU 2004-268057	20040831
WO 2005021527	A2	20050310	WO 2004-EP9690	20040831
WO 2005021527	A3	20050714		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, MG, KP, KR, KZ, LC, LR, LS, LT, LU, LV, MA, MD, MG, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
EP 1664014	A2	20060607	EP 2004-764655	20040831
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, AL, TK, BG, CZ, EE, HU, SK				
NO 2006000763	A	20060317	NO 2006-763	20060217
PRIORITY APPLN. INFO.: NO 2006000763 A 20060317 EP 2003-77734 A 20030901 WO 2004-EP9690 W 20040831				

OTHER SOURCE(S): CASREACT 142:280046; MARPAT 142:280046
IT 645411-16-1P 645411-17-2P 645411-18-3P
645411-19-4P

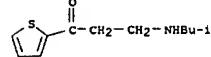
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(asym. hydrogenation of aminoketones using transition metal complexes of chiral bidentate phosphines as catalysts)

RN 645411-16-1 CAPLUS
CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



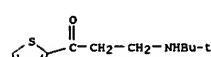
● HCl

RN 645411-18-3 CAPLUS
CN 1-Propanone, 3-[(2-methylpropyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 645411-19-4 CAPLUS
CN 1-Propanone, 3-[(1,1-dimethylpropyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 9 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 2004:870926 CAPLUS

DOCUMENT NUMBER: 141:348875

TITLE: L-carnitine dehydrogenase and microorganisms producing L-carnitine dehydrogenase and their use in production of substituted (S)-alkanols

INVENTOR(S): Althofer, Henning; Kesseler, Maria

PATENT ASSIGNEE(S): BASF A.-G., Germany

SOURCE: Ger. Offen., 41 pp.

DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10315760	A1	20041021	DE 2003-10315760	20030407
CA 2521288	AA	20041021	CA 2004-2521288	20040406
WO 2004090094	A2	20041021	WO 2004-EP3655	20040406
WO 2004090094	A3	20050317		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, T2, UA, UG, US, U2, VC, VN, YU, ZA, ZM, ZW RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG				
EP 1613745	A2	20060111	EP 2004-725924	20040406
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
CN 1771323	A	20060510	CN 2004-80009243	20040406
US 2006211099	A1	20060921	US 2005-552218	20051006
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			WO 2004-EP3655	W 20040406

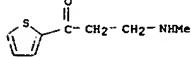
OTHER SOURCE(S): CASREACT 141:348875

IT 667465-15-8

RL: RCT (Reactant); RACT (Reactant or reagent)
(L-carnitine dehydrogenase and microorganisms producing L-carnitine dehydrogenase and their use in production of substituted (S)-alkanols)

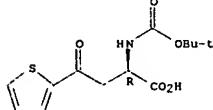
RN 667465-15-8 CAPLUS

CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)- (9CI) (CA INDEX NAME)



L3 ANSWER 10 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)

Absolute stereochemistry.



REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10302595	A1	20040729	DE 2003-10302595	20030122
CA 2513542	AA	20040805	CA 2004-2513542	20040115
WO 2004065376	A1	20040805	WO 2004-EP237	20040115
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, MA, MD, MG, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, T2, UA, UG, US, U2, VC, VN, YU, ZA, ZM, ZW RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK, HR				
EP 1587802	A1	20051026	EP 2004-702333	20040115
CN 1742003	A	20060301	CN 2004-80002686	20040115
JP 2006515878	T2	20060608	JP 2006-500570	20040115
US 2006128791	A1	20060615	US 2005-542003	20050712
PRIORITY APPLN. INFO.:			DE 2003-10302595	A 20030122
			WO 2004-EP237	W 20040115

IT 645411-16-1P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
(3-methylamino-1-(2-thienyl)-1-propanone preparation and its use as a pharmaceutical intermediate)

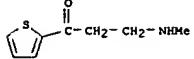
RN 645411-16-1 CAPLUS

CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

IT	667465-15-8P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent) (preparation of)	
RN 667465-15-8 CAPLUS	
CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)- (9CI) (CA INDEX NAME)	



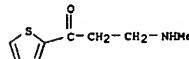
L3 ANSWER 12 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2004:308427 CAPLUS
 DOCUMENT NUMBER: 140:321232
 TITLE: Preparation of optically active 3-amino-1-(2-thienyl)-1-propanones via reduction of 3-amino-1-(2-thienyl)-1-propanones using a hydrogen donor in the presence of a metal catalyst, an optically active nitrogen-containing ligand and optionally a base.
 INVENTOR(S): Fuchs, Rudolf; Michel, Dominique; Brieden, Walter
 PATENT ASSIGNEE(S): Lonza A.-G., Switz.
 SOURCE: PCT Int. Appl., 25 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004031168	A2	20040415	WO 2003-EP11073	20031007
WO 2004031168	A3	20040826		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

AU 2003276066 A1 20040423 AU 2003-276066 20031007
 PRIORITY APPLN. INFO.: EP 2002-22540 A 200201007
 WO 2003-EP11073 W 20031007

OTHER SOURCE(S): CASREACT 140:321232; MARPAT 140:321232
 IT 645411-16-1P, 3-N-Methylamino-1-(2-thienyl)-1-propanone
 hydrochloride
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of optically active aminothienylpropanols via reduction of aminothienylpropanones using a hydrogen donor in the presence of a metal catalyst, an optically active N-containing ligand and a base)
 RN 645411-16-1 CAPLUS
 CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

ACCESSION NUMBER: 2004:203795 CAPLUS
 DOCUMENT NUMBER: 140:253262
 TITLE: Method for the preparation amino alcohols via the enantioselective hydrogenation of amino ketones
 INVENTOR(S): Kralik, Joachim; Fabian, Kai; Muermann, Christoph;
 Schweickert, Norbert
 PATENT ASSIGNEE(S): Merck Patent G.m.b.H., Germany
 SOURCE: PCT Int. Appl., 27 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

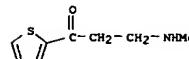
ACCESSION NUMBER: 2004:198214 CAPLUS
 DOCUMENT NUMBER: 140:235592
 TITLE: Process for the preparation of monoalkylaminoethyl aryl ketones from bis(arylcarbonylethyl)alkylamines.
 PATENT ASSIGNEE(S): Merck Patent G.m.b.H., Germany
 SOURCE: Ger. Offen., 7 pp.
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 10240026	A1	20040311	DE 2002-10240026	20020827
CA 2497028	AA	20040311	CA 2003-2497028	20030801
WO 2004020391	A1	20040311	WO 2003-EP8514	20030801

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, US, UZ, VC, VN, YU, ZA, ZM, ZW
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

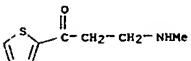
CA 2496883 AA 20040311 CA 2003-2496883 20030801
 AU 2003260347 A1 20040319 AU 2003-260347 20030801
 EP 1532100 A1 20050525 EP 2003-790842 20030801
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
 BR 2003013795 A 20050712 BR 2003-13795 20030801
 CN 1678562 A 20051005 CN 2003-820304 20030801
 JP 2005536556 T2 20051202 JP 2004-531845 20030801
 US 2005261514 A1 20051124 US 2005-525821 20050225
 ZA 2005-2458 A 20051010 ZA 2005-2458 20050324
 PRIORITY APPLN. INFO.: DE 2002-10240025 A 20020827
 WO 2003-EP8513 W 20030801

OTHER SOURCE(S): CASREACT 140:253262; MARPAT 140:253262
 IT 667465-15-8, 3-(Methylamino)-1-(2-thienyl)-1-propanone
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (enantioselective hydrogenation of; preparation amino alcohols. via the enantioselective hydrogenation of amino ketones with chiral diphosphine ligands)
 RN 667465-15-8 CAPLUS
 CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)- (9CI) (CA INDEX NAME)



L3 ANSWER 15 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2004:41488 CAPLUS
 DOCUMENT NUMBER: 140:93915
 TITLE: Process for the preparation of optically active
 3-N-methylamino-1-(2-thienyl)-1-propenol
 INVENTOR(S): Michel, Dominique
 PATENT ASSIGNEE(S): Lonza A.-G., Switz.
 SOURCE: PCT Int. Appl., 34 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004005307	A1	20040115	WO 2003-EP7312	20030708
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MM, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
AU 2003253036	A1	20040123	AU 2003-253036	20030708
PRIORITY APPLN. INFO.:			EP 2002-15161	A 20020709
OTHER SOURCE(S): CASREACT 140:93915; MARPAT 140:93915			WO 2003-EP7312	W 20030708
IT 645411-16-1P, 3-(N-Methylamino)-1-(2-thienyl)-1-propanone hydrochloride				
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
(intermediate; preparation of optically active N-methylamino(2-thienyl)propanol by optical resolution via formation of diastereomeric salts with 2,3:4,6-di-O-isopropylidene-2-ketogulonic acid)				
RN 645411-16-1 CAPLUS				
CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)				

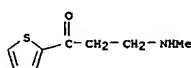


● HCl

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 16 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2004:41430 CAPLUS
 DOCUMENT NUMBER: 140:93914
 TITLE: Process for the preparation of N-monosubstituted β-amino alcohols
 INVENTOR(S): Michel, Dominique
 PATENT ASSIGNEE(S): Lonza A.-G., Switz.
 SOURCE: PCT Int. Appl., 28 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

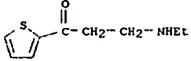
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004005239	A1	20040115	WO 2003-EP7411	20030709
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MM, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2491472	AA	20040115	CA 2003-2491472	20030709
AU 2003250924	A1	20040123	AU 2003-250924	20030709
BR 2003012651	A	20050426	BR 2003-12651	20030709
EP 1539673	A1	20050615	EP 2003-762669	20030709
R: AT, BE, CH, DE, DK, ES, FR, GB, IR, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HE, SU, SK				
CN 1665773	A	20050907	CN 2003-816223	20030709
JP 2005532383	T2	20051027	JP 2004-518758	20030709
NO 2005000079	A	20050311	NO 2005-79	20050106
US 2005256318	A1	20051117	US 2005-520362	20050418
PRIORITY APPLN. INFO.:			EP 2002-15229	A 20020709
OTHER SOURCE(S): CASREACT 140:93914; MARPAT 140:93914			WO 2003-EP7411	W 20030709
IT 645411-16-1P, 3-(Methylamino)-1-(thiophen-2-yl)propan-1-one hydrochloride 645411-17-2P, 3-(Ethylamino)-1-(thiophen-2-yl)propan-1-one hydrochloride 645411-18-3P, 3-(Isobutylamino)-1-(thiophen-2-yl)propan-1-one hydrochloride 645411-19-4P, 3-(tert-Butylamino)-1-(thiophen-2-yl)propan-1-one hydrochloride				
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)				
(intermediate; process for preparation of N-monosubstituted β-amino acids. by reduction of N-monosubstituted β-amino ketones)				
RN 645411-16-1 CAPLUS				
CN 1-Propanone, 3-(methylamino)-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)				



● HCl

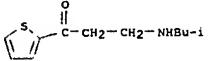
L3 ANSWER 16 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 ACCESSION NUMBER: 2001:330712 CAPLUS
 DOCUMENT NUMBER: 135:13737

CN 1-Propanone, 3-(ethylamino)-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



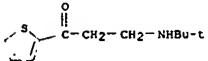
● HCl

RN 645411-18-3 CAPLUS
 CN 1-Propanone, 3-[(2-methylpropyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 645411-19-4 CAPLUS
 CN 1-Propanone, 3-[(1,1-dimethylethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

REFERENCE COUNT: 15 THERE ARE 15 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 17 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2001:330712 CAPLUS
 DOCUMENT NUMBER: 135:13737

TITLE: Synthesis of β-amino aryl ketones through the addition of ArLi derivatives to β-amino esters

AUTHOR(S): Lima, P. G.; Sequeira, L. C.; Costa, P. R. R.

CORPORATE SOURCE: Nucleo de Pesquisas de Produtos Naturais, Laboratorio de Quimica Bioorganica (IQB), Universidade Federal do Rio de Janeiro (UFRJ), Rio de Janeiro, 21941-590, Brazil

SOURCE: Tetrahedron Letters (2001), 42(21), 3525-3527

PUBLISHER: Elsevier Science Ltd.

DOCUMENT TYPE: Journal

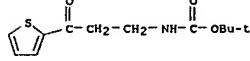
LANGUAGE: English

OTHER SOURCE(S): CASREACT 135:13737

IT 351901-55-9P 351901-56-9P

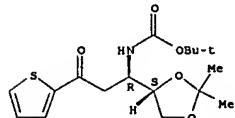
RL: SPN (Synthetic preparation); PREP (Preparation)
 (synthesis of β-amino aryl ketones through the addition of aryllithium derivs. to β-amino esters)

RN 351901-55-9 CAPLUS
 CN Carbamic acid, 3-oxo-3-(2-thienyl)propyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)



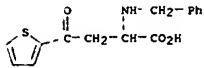
RN 351901-56-9 CAPLUS
 CN threo-Pentose, 2,3-dideoxy-3-[[{(1,1-dimethylethoxy)carbonyl}amino]-4,5-O-(1-methylethylidene)-1-C-2-thienyl- (9CI) (CA INDEX NAME)

Relative stereochemistry.

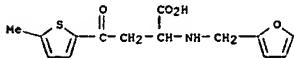


REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 18 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 2000:471573 CAPLUS
 DOCUMENT NUMBER: 133:238268
 TITLE: Stereoselective sodium borohydride reduction, catalyzed by manganese(II) chloride, of γ -oxo- α -amino acids. A practical approach to syn- γ -hydroxy- α -amino acids
 AUTHOR(S): Berkes, Dusan; Kolarovic, Andrej; Povazanec, Frantisek
 CORPORATE SOURCE: Department of Organic Chemistry, Slovak Technical University, Bratislava, SK-812 37, Slovakia
 SOURCE: Tetrahedron Letters (2000), 41(27), 5257-5260
 PUBLISHER: Elsevier Science Ltd.
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 133:238268
 IT 204910-46-3P 293309-47-4P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation of syn- γ -hydroxy- α -amino acids by stereoselective sodium borohydride reduction of γ -oxo- α -amino acids catalyzed by manganese(II) chloride)
 RN 204910-46-3 CAPLUS
 CN 2-Thiophenebutanoic acid, γ -oxo- α -[(phenylmethyl)amino]- (9CI) (CA INDEX NAME)

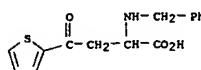


RN 293309-47-4 CAPLUS
 CN 2-Thiophenebutanoic acid, α -[(2-furanyl methyl)amino]-5-methyl- γ -oxo- (9CI) (CA INDEX NAME)

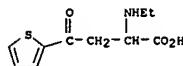


REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 19 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1998:213733 CAPLUS
 DOCUMENT NUMBER: 120:243902
 TITLE: Some cyclization reactions with β -thienoylacrylic acid as possible antimicrobial agents
 AUTHOR(S): Salman, Ammaa Said Salem
 CORPORATE SOURCE: Chemistry Department, Faculty of Science, Girls Branch, Al-Azhar University, Nasr, Egypt
 SOURCE: Al-Azhar Bulletin of Science (1996), 7(2), 1179-1189
 PUBLISHER: Al-Azhar University, Faculty of Science
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 204910-46-3P
 RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 (preparation and antibacterial and antifungal activities of thienoylacrylic acid derive.)
 RN 204910-46-3 CAPLUS
 CN 2-Thiophenebutanoic acid, γ -oxo- α -[(phenylmethyl)amino]- (9CI) (CA INDEX NAME)

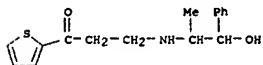


IT 204910-36-1P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation and antibacterial and antifungal activities of thienoylacrylic acid derive.)
 RN 204910-36-1 CAPLUS
 CN 2-Thiophenebutanoic acid, α -(ethylamino)- γ -oxo- (9CI) (CA INDEX NAME)



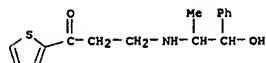
REFERENCE COUNT: 10 THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 20 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1996:491539 CAPLUS
 DOCUMENT NUMBER: 125:212183
 TITLE: Effects of thiofedrine on platelet aggregation, thromboxane B2 and 6-keto-PGF_{1 α} in rats
 AUTHOR(S): Ou, Yun-Zhi; Wang, Yue-E.; Li, Xi-Xian
 CORPORATE SOURCE: Department Pharmacology, Inner Mongolia Medical College, Huhhot, Peop. Rep. China
 SOURCE: Methods and Findings in Experimental and Clinical Pharmacology (1996), 18(5), 297-300
 PUBLISHER: MFEPDX; ISSN: 0379-0355
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 28745-69-9 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
 (Effects of thiofedrine on platelet aggregation, thromboxane B2 and 6-Keto-PGF_{1 α} in rats)
 RN 28745-69-9 CAPLUS
 CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)

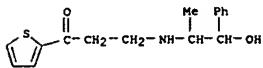


● HCl

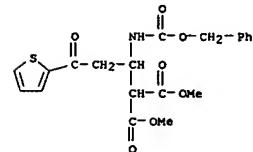
L3 ANSWER 21 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1994:592291 CAPLUS
 DOCUMENT NUMBER: 121:292291
 TITLE: Influence of thiofedrine on platelet aggregation, intraplatelet cyclic AMP and malondialdehyde in rats
 AUTHOR(S): Ou, Yun-Zhi; Li, Xi-Xian
 CORPORATE SOURCE: Dep. Pharmacol., Inner Mongolia Medical College, Huhhot, Peop. Rep. China
 SOURCE: Methods and Findings in Experimental and Clinical Pharmacology (1994), 16(4), 253-6
 PUBLISHER: MFEPDX; ISSN: 0379-0355
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 IT 28745-69-8
 RL: BIOL (Biological study)
 (platelet aggregation inhibitor)
 RN 28745-69-8 CAPLUS
 CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



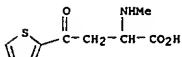
L3 ANSWER 22 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1994:645672 CAPLUS
 DOCUMENT NUMBER: 121:245672
 TITLE: Effects of thiofedorine on thrombosis in rats
 AUTHOR(S): Qu, Yunzhi; Li, Daping; Pan, Jie; Li, Xixian; Zhang, Wenxing
 CORPORATE SOURCE: Dep. Pharmacology, Innnex Mongolia Med. Coll., Huhhot, 010059, Peop. Rep. China
 SOURCE: Zhongguo Yiyao Gongye Zaishi (1994), 25(4), 170-2
 CODEN: ZYGEZA; ISSN: 1001-8255
 DOCUMENT TYPE: Journal
 LANGUAGE: Chinese
 IT 28745-68-8, Thiofedorine
 RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
 (thiofedorine inhibition of thrombosis in coronary heart disease)
 RN 28745-68-8 CAPLUS
 CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-(9CI) (CA INDEX NAME)



L3 ANSWER 23 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1991:535148 CAPLUS
 DOCUMENT NUMBER: 115:135148
 TITLE: Palladium(II)-assisted diarylation and alkylation/acylation of optically active ene carbamates via trialkylorganostannane cross-coupling and carboenolative coupling processes
 AUTHOR(S): Masters, John J.; Hegedus, Louis S.; Tamariz, Joaquin
 CORPORATE SOURCE: Dep. Chem., Colorado State Univ., Fort Collins, CO, 80523, USA
 SOURCE: Journal of Organic Chemistry (1991), 56(19), 5666-71
 CODEN: JOCEAH; ISSN: 0022-3263
 DOCUMENT TYPE: Journal
 LANGUAGE: English
 OTHER SOURCE(S): CASREACT 115:135148
 IT 135741-08-1P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 135741-08-1 CAPLUS
 CN Propanedioic acid, [3-oxo-1-[(phenylmethoxy)carbonyl]amino]-3-(2-thienyl)propyl-, dimethyl ester (9CI) (CA INDEX NAME)



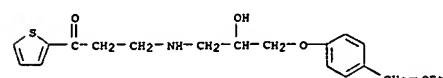
L3 ANSWER 24 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1981:156662 CAPLUS
 DOCUMENT NUMBER: 94:156662
 TITLE: Reaction of β -thenoylacrylic acid with some nucleophilic reagents
 AUTHOR(S): Grigoryan, G. V.; Agbayan, S. G.
 CORPORATE SOURCE: Inst. Org. Khim., Yerevan, USSR
 SOURCE: Acmyan'skii Khimicheskii Zhurnal (1980), 33(10), 856-61
 CODEN: AYKZAN; ISSN: 0315-9628
 DOCUMENT TYPE: Journal
 LANGUAGE: Russian
 OTHER SOURCE(S): CASREACT 94:156662
 IT 77253-25-9P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)
 RN 77253-25-9 CAPLUS
 CN 2-Thiophenebutanoic acid, α -(methylamino)- γ -oxo- (9CI) (CA INDEX NAME)



L3 ANSWER 25 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1978:105151 CAPLUS
 DOCUMENT NUMBER: 88:105151
 TITLE: 1-Phenoxy-3-aminopropan-2-ol derivatives and their acid addition salts
 PATENT ASSIGNEE(S): Cassella Farbwerke Mainkur A.-G., Fed. Rep. Ger.
 SOURCE: Austrian, 14 pp.
 CODEN: AUXXAK
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 3
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
AT 339305	B	19771010	AT 1974-10164	19741219
AT 7410164	A	19770215		
US 4088764	A	19780508	US 1974-531344	19741210
FI 7403631	A	19750626	FI 1974-3631	19741216
NO 7404530	A	19750630	NO 1974-4530	19741216
SE 7415761	A	19750630	SE 1974-15761	19741216
DK 7406547	A	19750825	DK 1974-6547	19741216
DD 117071	C	19751220	DD 1974-183198	19741219
ZA 7408082	A	19760120	ZA 1974-8082	19741219
SU 559643	D	19770525	SU 1974-2085461	19741219
SU 598557	D	19790315	SU 1974-2085234	19741219
HU 171726	P	19790328	HU 1974-CA376	19741219
CA 1047512	A1	19790130	CA 1974-216421	19741219
US 4066768	A	19780103	US 1976-669895	19760324
PRIORITY APPLN. INFO.:		LU 1973-34590	A 19731227	
		US 1974-531344	A2 19741210	

IT 65752-91-2
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (reduction of)
 RN 65752-91-2 CAPLUS
 CN 1-Propanone, 3-[(3-{4-(ethoxymethyl)phenoxy}-2-hydroxypropyl)amino]-1-(2-thienyl)-(9CI) (CA INDEX NAME)



ACCESSION NUMBER: 1975:443189 CAPLUS

DOCUMENT NUMBER: 03:43189

TITLE: Indole aminoketones

INVENTOR(S): Posselt, Klaus; Thiele, Kurt

PATENT ASSIGNEE(S): Deutsche Gold- und Silber-Scheideanstalt vorm.

Roessler, Fed. Rep. Ger.

SOURCE: U.S., 8 pp. Continuation-in-part of U. S. 3,658,845

(CA 77:19630).

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 5

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3859305	A	19750107	US 1971-137575	19710426
US 3514465	A	19700526	US 1967-693138	19671226
US 3658845	A	19720425	US 1970-18300	19700310

PRIORITY APPLN. INFO.:

IT 28745-69-9P 28745-89-3P 28763-18-OP

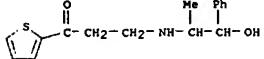
38977-57-OP

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of)

RN 28745-69-9 CAPLUS

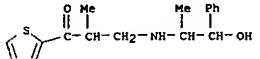
CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 28745-89-3 CAPLUS

CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-2-methyl-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 28763-18-0 CAPLUS

CN 1-Propanone, 3-[(2-(3-fluoro-4-methoxyphenyl)-2-hydroxy-1-methylethyl)amino]-1-(2-thienyl)-, hydrochloride, (+)-(9CI) (CA INDEX NAME)

ACCESSION NUMBER: 1974:413370 CAPLUS

DOCUMENT NUMBER: 01:13378

TITLE: 3-13-[(4-Hydroxypropyl)-1-hydroxypropyl-(2-amino)-propionyl-thiophene

INVENTOR(S): Posselt, Klaus

PATENT ASSIGNEE(S): Deutsche Gold- und Silber-Scheideanstalt vorm.

Roessler

SOURCE: U.S., 8 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3803173	A	19740409	US 1971-137576	19710426

PRIORITY APPLN. INFO.:

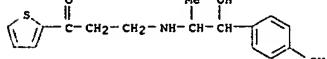
IT 35056-56-5P 35056-57-6P

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of)

RN 35056-56-5 CAPLUS

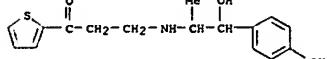
CN 1-Propanone, 3-[(2-hydroxy-2-(4-hydroxyphenyl)-1-methylethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 35056-57-6 CAPLUS

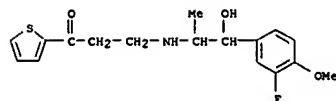
CN 1-Propanone, 3-[(2-hydroxy-2-(4-hydroxyphenyl)-1-methylethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



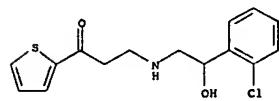
● HCl

RN 28745-89-3 CAPLUS

CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-2-methyl-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 38977-57-0 CAPLUS
CN 1-Propanone, 3-[(2-(2-chlorophenyl)-2-hydroxyethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)

● HCl

RN 28745-89-3 CAPLUS
CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-2-methyl-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)

ACCESSION NUMBER: 1973:136051 CAPLUS

DOCUMENT NUMBER: 78:136051

TITLE: 2-3-Phenyl-3(hydroxypropylamino) ethyl-3-thienyl ketone

INVENTOR(S): Posselt, Klaus; Thiele, Kurt

SOURCE: Roessler, Fed. Rep. Ger.

73:7724n).

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 5

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3715369	A	19730206	US 1970-23455	19700327
DE 1670547	A	19701112	DE 1966-D51911	19661230
DE 1543538	Al	19760205	DE 1966-D51910	19661230
US 3514465	A	19700326	US 1967-693138	19671226

PRIORITY APPLN. INFO.: DE 1966-D51911 A 19661230

US 1967-693138 A 19671226

DE 1966-D51910 19661230

IT 28745-68-8P 28745-69-9P 28745-89-3P

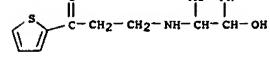
28763-18-OP 38977-57-OP

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of)

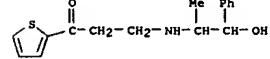
RN 28745-68-8 CAPLUS

CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



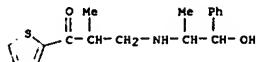
RN 28745-69-9 CAPLUS

CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



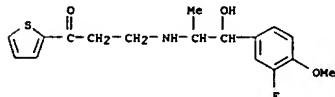
● HCl

RN 28745-89-3 CAPLUS
CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-2-methyl-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



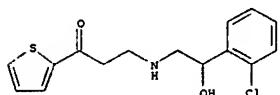
● HCl

RN 28763-18-0 CAPLUS
 CN 1-Propanone, 3-[(2-(3-fluoro-4-methoxyphenyl)-2-hydroxy-1-methylethyl)amino]-1-(2-thienyl)-, hydrochloride, (+)-(9CI) (CA INDEX NAME)



● HCl

RN 38977-57-0 CAPLUS
 CN 1-Propanone, 3-[(2-(2-chlorophenyl)-2-hydroxyethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

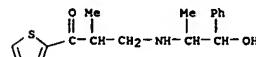


L3 ANSWER 29 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1972:552179 CAPLUS
 DOCUMENT NUMBER: 77:152179
 TITLE: Pyrazole and pyrazolinone amino ketones
 INVENTOR(S): Posselt, Klaus; Enkheim, Bergen; Thiele, Kurt
 PATENT ASSIGNEE(S): deut ge
 SOURCE: U.S., 6 pp. Continuation-in-part of U.S. 3,514,465 (CA 76:72214n).
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 5
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3686206	A	19720822	US 1970-19511	19700313
DE 1670547	A	19701112	DE 1966-D51911	19661230
DE 1543538	A1	19760205	DE 1966-D51910	19661230
FR 8021	M	19700803	FR 1967-8021	19671229
GB 1203810	A	19700903	GB 1967-1203810	19671229
AT 286978	B	19710111	AT 1967-11809	19671229
			DE 1966-D51910	A 19661230
			DE 1966-D51911	A 19661230

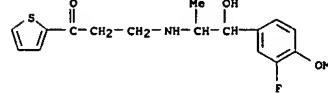
PRIORITY APPLN. INFO.: IT 28745-89-3P 28763-18-0P 35576-10-4P
 38977-57-OP
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)

RN 28763-18-0 CAPLUS
 CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-2-methyl-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 28763-18-0 CAPLUS
 CN 1-Propanone, 3-[(2-(3-fluoro-4-methoxyphenyl)-2-hydroxy-1-methylethyl)amino]-1-(2-thienyl)-, hydrochloride, (+)-(9CI) (CA INDEX NAME)

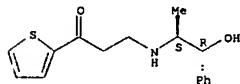


● HCl

RN 35576-10-4 CAPLUS

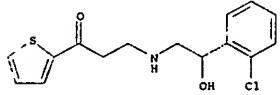
L3 ANSWER 29 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)
 CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-, hydrochloride, [R-(R*,S*)]-(9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

RN 38977-57-0 CAPLUS
 CN 1-Propanone, 3-[(2-(2-chlorophenyl)-2-hydroxyethyl)amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



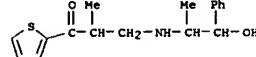
● HCl

L3 ANSWER 30 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1972:419630 CAPLUS
 DOCUMENT NUMBER: 77:19630
 TITLE: Benzothiophene amino ketones and amino alcohols
 INVENTOR(S): Posselt, Klaus; Thiele, Kurt
 PATENT ASSIGNEE(S): Deutsche Gold- und Silber-Scheideanstalt vorm.
 Roessler
 SOURCE: U.S., 5 pp. Division of U.S. 3,514,465 (CA 73:77214m).
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 5
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3658845	A	19720425	US 1970-18300	19700310
DE 1670547	A	19701112	DE 1966-D51911	19661230
DE 1543538	A1	19760205	DE 1966-D51910	19661230
FR 8021	M	19700803	FR 1967-8021	19671229
GB 1203810	A	19700903	GB 1967-1203810	19671229
AT 286978	B	19710111	AT 1967-11809	19671229
US 3859305	A	19750107	US 1971-137575	19710426
			DE 1966-D51910	A 19661230
			DE 1966-D51911	A 19661230
			US 1967-693138	A3 19671226
			US 1970-18300	A2 19700310

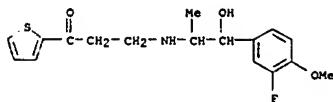
PRIORITY APPLN. INFO.: IT 28745-89-3P 28763-18-0P 35576-10-4P
 37421-99-1P
 RL: SPN (Synthetic preparation); PREP (Preparation)
 (preparation of)

RN 28763-18-0 CAPLUS
 CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-2-methyl-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

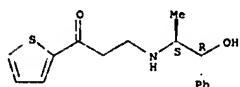
RN 28763-18-0 CAPLUS
 CN 1-Propanone, 3-[(2-(3-fluoro-4-methoxyphenyl)-2-hydroxy-1-methylethyl)amino]-1-(2-thienyl)-, hydrochloride, (+)-(9CI) (CA INDEX NAME)



● HCl

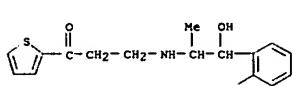
RN 35576-10-4 CAPLUS
CN 1-Propanone, 3-[{2-hydroxy-1-methyl-2-phenylethyl}amino]-1-(2-thienyl)-, hydrochloride, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



● HCl

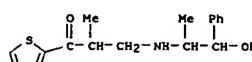
RN 37421-99-1 CAPLUS
CN 1-Propanone, 3-[{2-(2-chlorophenyl)-2-hydroxy-1-methylethyl}amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)



● HCl

ACCESSION NUMBER: 1972:113205 CAPLUS
DOCUMENT NUMBER: 76:113205
TITLE: Thiazolyl and pyridyl amino alcohols
INVENTOR(S): Posselt, Klaus; Thiele, Kurt
PATENT ASSIGNEE(S): Deutsche Gold- und Silber-Scheideanstalt vorm.
Roessler
SOURCE: U.S., 6 pp. Continuation-in-part of U.S. 3,514,465 (CA
73:77214n).
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

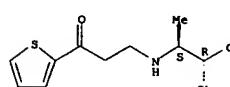
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3631055	A	19711228	US 1970-18279	19700310
PRIORITY APPLN. INFO.:			US 1970-18279	
IT 28745-89-3P	35576-09-1P	35576-10-4P		
35580-26-BP	35580-29-1P			
RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)				
RN 28745-89-3 CAPLUS				
CN 1-Propanone, 3-[{2-hydroxy-1-methyl-2-phenylethyl}amino]-2-methyl-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)				



● HCl

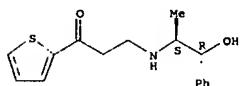
RN 35576-09-1 CAPLUS
CN 1-Propanone, 3-[{2-hydroxy-1-methyl-2-phenylethyl}amino]-1-(2-thienyl)-, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 35576-10-4 CAPLUS
CN 1-Propanone, 3-[{2-hydroxy-1-methyl-2-phenylethyl}amino]-1-(2-thienyl)-, hydrochloride, [R-(R*,S*)]- (9CI) (CA INDEX NAME)

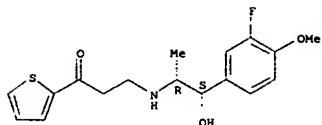
Absolute stereochemistry.



● HCl

RN 35580-26-8 CAPLUS
CN 1-Propanone, 3-[{2-(3-fluoro-4-methoxyphenyl)-2-hydroxy-1-methylethyl}amino]-1-(2-thienyl)-, hydrochloride, (R*,S*)- (9CI) (CA INDEX NAME)

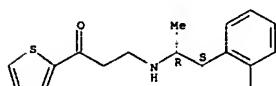
Relative stereochemistry.



● HCl

RN 35580-29-1 CAPLUS
CN 1-Propanone, 3-[{2-(2-chlorophenyl)-2-hydroxy-1-methylethyl}amino]-1-(2-thienyl)-, hydrochloride, (R*,S*)- (9CI) (CA INDEX NAME)

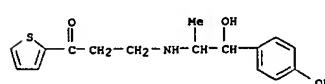
Relative stereochemistry.



● HCl

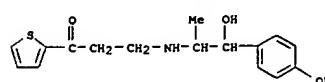
ACCESSION NUMBER: 1972:59440 CAPLUS
DOCUMENT NUMBER: 76:59440
TITLE: 3-[{2-(p-Hydroxyphenyl)-2-hydroxy-1-methylethyl}amino]propionyl-substituted indoles, (benzo)furanas, and (benzo)thiophenes
INVENTOR(S): Posselt, Klaus
PATENT ASSIGNEE(S): Deutsche Gold- und Silber-Scheideanstalt vorm.
Roessler
SOURCE: Ger. Offen., 23 pp.
CODEN: GWXXBX
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 2121104	A	19711111	DE 1971-2121104	19710429
AT 306710	B	19730425	AT 1970-3964	19700430
CH 555333	A	19741031	CH 1971-4582	19710330
FR 2092114	A5	19720121	FR 1971-13375	19710429
FR 2092114	B1	19740623		
JP 55029978	B4	19800807	JP 1972-42562	19720426
PRIORITY APPLN. INFO.:			AT 1970-3964	
IT 35056-56-3P	35056-57-6P			
RL: SPN (Synthetic preparation); PREP (Preparation) (preparation of)				
RN 35056-56-5 CAPLUS				
CN 1-Propanone, 3-[{2-hydroxy-2-(4-hydroxyphenyl)-1-methylethyl}amino]-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)				



● HCl

RN 35056-57-6 CAPLUS
CN 1-Propanone, 3-[{2-hydroxy-2-(4-hydroxyphenyl)-1-methylethyl}amino]-1-(2-thienyl)- (9CI) (CA INDEX NAME)



L3 ANSWER 33 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
 ACCESSION NUMBER: 1970:477214 CAPLUS
 DOCUMENT NUMBER: 73:77214
 TITLE: Coronary dilating 2-(3-phenyl-3-hydroxy-2-propylaminoethyl) heterocyclic ketones
 INVENTOR(S): Posselt, Klaus; Enkheim, Bergen; Thiel, Kurt
 PATENT ASSIGNEE(S): Deutsche Gold- und Silber-Scheideanstalt vorm.
 Roessler
 SOURCE: U.S., 6 pp.
 CODEN: USXXAM
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 5
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 3514465	A	19700526	US 1967-693138	19671226
DE 1670547	A	19701112	DE 1966-D51911	19661230
DE 1543538	A1	19760205	DE 1966-D51910	19661230
FR 8021	M	19700803	FR 1967-8021	19671229
GB 1203810	A	19700903	GB 1967-1203810	19671229
AT 286978	B	19710111	AT 1967-11809	19671229
US 3715369	A	19730206	US 1970-23455	19700327
US 3859305	A	19750107	US 1971-137575	19710426
PRIORITY APPN. INFO.:		DE 1966-D51910	A 19661230	
		DE 1966-D51911	A 19661230	
		US 1967-693138	A 19671226	
		US 1970-18300	A2 19700310	

IT 28745-68-8P 28745-69-9P 28745-89-3P

28763-18-OP 28763-19-1P

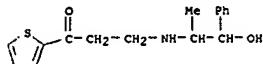
RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of)

RN 28745-68-8 CAPLUS

CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-

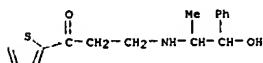
(9CI) (CA INDEX NAME)



RN 28745-69-9 CAPLUS

CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-,

hydrochloride (9CI) (CA INDEX NAME)



● HCl

RN 28745-89-3 CAPLUS

CN 1-Propanone, 3-[(2-hydroxy-1-methyl-2-phenylethyl)amino]-2-methyl-1-(2-thienyl)-, hydrochloride (9CI) (CA INDEX NAME)

L3 ANSWER 34 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1969:501431 CAPLUS

DOCUMENT NUMBER: 71:101431

TITLE: Analogs of prenylamine [as potential coronary vasodilators]

AUTHOR(S): Collino, Franco

CORPORATE SOURCE: Inst. Chem. Farm. Tossicolo, Univ. Trieste, Trieste, Italy

SOURCE: Bollettino Chimico Farmaceutico (1969), 108(6), 255-67

DOCUMENT TYPE: Journal

LANGUAGE: Italian

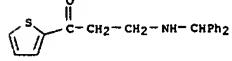
IT 23934-69-2P

RL: SPN (Synthetic preparation); PREP (Preparation)

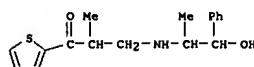
(preparation of)

RN 23934-69-2 CAPLUS

CN 1-Propanone, 3-[(diphenylmethyl)amino]-1-(2-thienyl)- (8CI) (CA INDEX NAME)



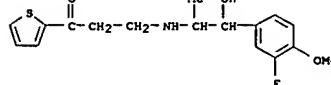
L3 ANSWER 33 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN (Continued)



● HCl

RN 28763-18-0 CAPLUS

CN 1-Propanone, 3-[(2-(3-fluoro-4-methoxyphenyl)-2-hydroxy-1-methyl-2-phenylethyl)amino]-1-(2-thienyl)-, hydrochloride, (+)-(9CI) (CA INDEX NAME)

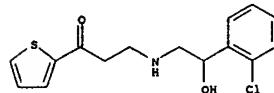


● HCl

RN 28763-19-1 CAPLUS

CN 1-Propanone, 3-[(o-chloro-β-hydroxyphenethyl)amino]-1-(2-thienyl)-, hydrochloride (8CI) (CA INDEX NAME)

Rotation (+).



● HCl

L3 ANSWER 34 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN

ACCESSION NUMBER: 1967:46160 CAPLUS

DOCUMENT NUMBER: 66:46160

TITLE: New method for preparation of diaryl alkyl amines

AUTHOR(S): Kloss, Josef

CORPORATE SOURCE: Privatlab., Berlin-Zehlendorf, Germany

SOURCE: Journal fuer Praktische Chemie (Leipzig) (1966), 34(5-6), 312-34

DOCUMENT TYPE: Journal

LANGUAGE: German

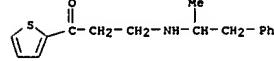
IT 13732-63-3P

RL: SPN (Synthetic preparation); PREP (Preparation)

(preparation of)

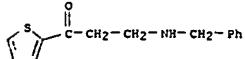
RN 13732-63-3 CAPLUS

CN 1-Propanone, 3-[(α-methylphenethyl)amino]-1-(2-thienyl)-, hydrochloride (8CI) (CA INDEX NAME)



● HCl

L3 ANSWER 36 OF 36 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1958:61218 CAPLUS
DOCUMENT NUMBER: 52:61218
ORIGINAL REFERENCE NO.: 52:11067a-i
TITLE: Ketonic Mannich bases and the products of their reduction and bromination
AUTHOR(S): Nobles, Lewis W.; Burkhalter, J. H.
CORPORATE SOURCE: Univ. of Kansas, Lawrence
SOURCE: Journal of the American Pharmaceutical Association, Scientific Edition (1958), 67, 77-81
CODEN: JAPMA8; ISSN: 0095-9553
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable
OTHER SOURCE(S): CASREACT 52:61218
IT 108245-96-1, 1-Propanone, 3-benzylamino-1-(2-thienyl)-, hydrochloride (preparation of)
RN 108245-96-1 CAPLUS
CN 1-Propanone, 3-benzylamino-1-(2-thienyl)-, hydrochloride (6CI) (CA INDEX NAME)



● HCl

=> log y
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE
ENTRY
126.82

TOTAL
SESSION
293.97

STN INTERNATIONAL LOGOFF AT 14:12:32 ON 25 SEP 2006